

## ABSTRACT OF THE DISCLOSURE

- A disposable, safe needle sheath assembly comprises a barrel unit including a hollow barrel, a forward extension adapted to insert through a wing
- 5       unit into a cap, and a T-shaped slot longitudinally formed thereon, a transverse bar of the slot including a locking device in a right side, and a needle unit including a hollow plunger, a needle, two opposite latched members raised above an edge of a rear end, and a circumferential protrusion, the protrusion being projected from the slot after inserting the needle unit in the barrel unit.
- 10      Removing the cap and sliding the protrusion from the transverse bar to a distal end of the slot will project the needle from the extension for dispensing medicine. To the contrary sliding the protrusion from the distal end of the slot to the locking device will lock the protrusion therein.